APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/083,169	02/26/2002	Petri Hyyppa	NOKI14-00021	5147

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EXAMINER
IQBAL, KHAWAR

ART UNIT	PAPER NUMBER
2617	

DATE MAILED: 09/19/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

PTO-90C (Rev. 10/03)

	Application No.	Applicant(s)
Office Action Summary	10/083,169	HYYPPA ET AL.
	Examiner	Art Unit	
	Khawar Iqbal	2617	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>03</u> MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
  Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on <u>20 July 2006</u>.

2a)☒ This action is **FINAL**.   2b)☐ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-6 and 8-38* is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1-6,8-38* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All   b)☐ Some * c)☐ None of:

      1.☐ Certified copies of the priority documents have been received.

      2.☐ Certified copies of the priority documents have been received in Application No. _____.

      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1)☒ Notice of References Cited (PTO-892)

2)☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3)☐ Information Disclosure Statement(s) (PTO/SB/08)
    Paper No(s)/Mail Date _____.

4)☐ Interview Summary (PTO-413)
    Paper No(s)/Mail Date. _____ .

5)☐ Notice of Informal Patent Application

6)☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 102

1.   The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that

form the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

1.   Claims 1-6,8-38 are rejected under 35 U.S.C. 102(e) as being anticipated by

Blumenthal (20030069792).

2.   Regarding claim 1 Blumenthal teaches a method of accomplishing a transaction

by user equipment, the method comprising (figs. 1-4):

in response to one of receipt of an information entity associated with the

transaction or determining that the information entity has been sent by a trusted party

automatically inserting of transaction information in at least one data field of the

information entity based on information available at the user equipment (para. # 0030-

0031,0065-0067,0084); and

transmitting the information entity from the user equipment over a wireless

interface (para. # 0030-0031,0065-0067,0084-0085).

Regarding claim 2 Blumenthal teaches comprising step of authorizing said

insertion of transaction information (para. # 0030-0031,0065-0067).

Regarding claim 3 Blumenthal teaches wherein the authorization is based on unique identity code associated with the user equipment (para. # 0030-0031,0065-0067).

Regarding claim 4 Blumenthal teaches wherein the authorization is based on one of the following means: personal identity number (PIN); Subscriber Identity Module (SIM); Number Assignment Module (NAM); Wireless Application Protocol (WAP) Identity Module (WIM); a unique product code of the user equipment; an international mobile subscriber identity (IMSI) code (para. # 0030-0031,0065-0067).

Regarding claim 5 Blumenthal teaches wherein the authorisation is accomplished at the user equipment (para. # 0030-0031,0065-0067).

Regarding claim 6 Blumenthal teaches wherein the authorisation is accomplished by a service provider (para. # 0030-0031,0065-0067).

Regarding claim 8 Blumenthal teaches wherein the event comprises reception of the information entity (para. # 0030-0031,0065-0067).

Regarding claim 9 Blumenthal teaches wherein at least part of the transaction information to be inserted in the information entity is obtained from a storage means provided at the user equipment (para. # 0030-0031,0065-0067).

Regarding claim 10 Blumenthal teaches wherein at least part of the transaction information to be inserted in the information entity is obtained from another information entity available for the user equipment (para. # 0030-0031,0065-0067).

Regarding claim 11 Blumenthal teaches wherein the user gives a confirmation before said step of inserting information in the information entity (para. # 0030-0031,0065-0067).

Regarding claim 12 Blumenthal teaches wherein the information is inserted by transaction processing means of the user equipment (para. # 0030-0031,0065-0067).

Regarding claim 13 Blumenthal teaches wherein the user equipment inserts information in a data field of the information entity in a predefined manner (para. # 0030-0031,0065-0067).

Regarding claim 14 Blumenthal teaches wherein the information entity is filled in accordance with predefined instructions (para. # 0030-0031,0065-0067).

Regarding claim 15 Blumenthal teaches wherein the instructions define the information that is to be inserted in the information entity in response to an event (para. # 0030-0031,0065-0067).

Regarding claim 16 Blumenthal teaches wherein said information entity is transported by means of a standardized data entity (para. # 0030-0031,0065-0067).

Regarding claims 17-19 Blumenthal data entity is based on the Electronic Commerce Modeling Language.

Regarding claim 20 Blumenthal teaches wherein the user equipment communicates transaction information via an interface that is based on at least one of the following: short message service (SMS); wireless application protocol (WAP); internet protocol (IP); a short range radio link; a proximity card type interface; an infrared link (para. # 0030-0031,0065-0067).

Regarding claim 21 Blumenthal teaches wherein the user equipment receives the

information entity via a first type of interface and returns the information entity via a

second type of interface (para. # 0030-0031,0065-0067).

Regarding claim 22 Blumenthal teaches wherein the user equipment

communicates with a base station (inherent) of a cellular communication network

(para. # 0030-0031,0065-0067).

Regarding claim 23 Blumenthal a user equipment comprising (figs. 1-4):

processing means for insertion transaction information available for the processing

means in at least one data field of an information entity that associates with an

electronic transaction (para. # 0030-0031,0065-0067); and

transmitter means for transmitting the information entity from the user equipment to a

co-operative device over a wireless interface (para. # 0030-0031,0065-0067);

wherein said processing means is configured to automatically insert the transaction

information in response to one of receipt of the information entity or determining that the

information entity has been sent by a trusted party (para. # 0030-0031,0065-0067,0084-

0085).

Regarding claim 24 Blumenthal teaches comprising storage means for storing

the transaction information, wherein the processing means are adapted to fetch

information from said storage means and to insert said information from the storage

means into the information entity (para. # 0030-0031,0065-0067).

Regarding claim 25 Blumenthal teaches wherein the processing means are

adapted to obtain information from at least one other information entity and to insert

said information from the at least one other information entity into said information entity that is the subject of the information insertion procedure (para. # 0030-0031,0065-0067).

Regarding claim 26 Blumenthal teaches comprising authorization means arranged to authorize said insertion of information (para. # 0030-0031,0065-0067).

Regarding claim 27 Blumenthal teaches a transaction system comprising (figs. 1-4):

a user equipment adapted to exchange transaction information with another party of a transaction (para. # 0030-0031,0065-0067); storage means for storing information (para. # 0030-0031,0065-0067); processing means for fetching information from the storage means and inserting the information into at least one data field of a data entity associated with said transaction (para. # 0009, 0040-0043, 0048,0051, 0055, figs. 2a, 3); and communication means for transmitting the data entity from the user equipment to a co-operative device over a wireless interface (para. # 0030-0031,0065-0067,0084-0085); wherein the transaction information is automatically inserted in response to one of receipt of the data entity or determining that the data entity has been sent by a trusted party (para. # 0030-0031,0065-0067,0084-0085).

Regarding claim 28 Blumenthal teaches wherein the processing means are provided at the user equipment (para. # 0030-0031,0065-0067).

Regarding claim 29 Blumenthal teaches wherein the processing means are provided at the co-operative device (para. # 0030-0031,0065-0067).

Regarding claims 30-35 Blumenthal teaches wherein the information entity is a form; form is selected from the group consisting of a billing details form and shipping detail form (para. # 0030-0031,0065-0067).

Regarding claims 36-38 Blumenthal teaches wherein the transaction information comprises at least one of: name; address; credit card number; telephone number; or passport number (para. # 0030-0031,0065-0067).

3.   Claims 1-6,8-38 are rejected under 35 U.S.C. 102(e) as being anticipated by Sibert (6928623).

4.   Regarding claim 1 Sibert teaches a method of accomplishing a transaction by user equipment, the method comprising (figs. 1-4):

in response to one of receipt of an information entity associated with the transaction or determining that the information entity has been sent by a trusted party automatically inserting of transaction information in at least one data field of the information entity based on information available at the user equipment (col. 2, lines 10-30,col. 5, lines 1-45); and

transmitting the information entity from the user equipment over a wireless interface (col. 2, lines 10-30,col. 5, lines 1-45).

Regarding claim 2 Sibert teaches comprising step of authorizing said insertion of transaction information (col. 2, lines 10-30,col. 5, lines 1-45).

Regarding claim 3 Blumenthal teaches wherein the authorization is based on unique identity code associated with the user equipment (col. 2, lines 10-30,col. 5, lines 1-45).

Regarding claim 4 Sibert teaches wherein the authorization is based on one of the following means: personal identity number (PIN); Subscriber Identity Module (SIM); Number Assignment Module (NAM); Wireless Application Protocol (WAP) Identity Module (WIM); a unique product code of the user equipment; an international mobile subscriber identity (IMSI) code (col. 2, lines 10-30,col. 5, lines 1-45).

Regarding claim 5 Sibert teaches wherein the authorisation is accomplished at the user equipment (col. 2, lines 10-30,col. 5, lines 1-45).

Regarding claim 6 Sibert teaches wherein the authorisation is accomplished by a service provider (col. 2, lines 10-30,col. 5, lines 1-45).

Regarding claim 8 Sibert teaches wherein the event comprises reception of the information entity (col. 2, lines 10-30,col. 5, lines 1-45).

Regarding claim 9 Sibert teaches wherein at least part of the transaction information to be inserted in the information entity is obtained from a storage means provided at the user equipment (col. 2, lines 10-30,col. 5, lines 1-45).

Regarding claim 10 Sibert teaches wherein at least part of the transaction information to be inserted in the information entity is obtained from another information entity available for the user equipment (col. 2, lines 10-30,col. 5, lines 1-45).

Regarding claim 11 Sibert teaches wherein the user gives a confirmation before said step of inserting information in the information entity (col. 2, lines 10-30,col. 5, lines 1-45).

Regarding claim 12 Sibert teaches wherein the information is inserted by transaction processing means of the user equipment (col. 2, lines 10-30,col. 5, lines 1-45).

Regarding claim 13 Sibert teaches wherein the user equipment inserts information in a data field of the information entity in a predefined manner (col. 2, lines 10-30,col. 5, lines 1-45).

Regarding claim 14 Sibert teaches wherein the information entity is filled in accordance with predefined instructions (col. 2, lines 10-30,col. 5, lines 1-45).

Regarding claim 15 Sibert teaches wherein the instructions define the information that is to be inserted in the information entity in response to an event (col. 2, lines 10-30,col. 5, lines 1-45).

Regarding claim 16 Sibert teaches wherein said information entity is transported by means of a standardized data entity (col. 2, lines 10-30,col. 5, lines 1-45).

Regarding claims 17-19 Sibert data entity is based on the Electronic Commerce Modeling Language (col. 2, lines 10-30,col. 5, lines 1-45).

Regarding claim 20 Sibert teaches wherein the user equipment communicates transaction information via an interface that is based on at least one of the following: short message service (SMS); wireless application protocol (WAP); internet protocol (IP); a short range radio link; a proximity card type interface; an infrared link (col. 2, lines 10-30,col. 5, lines 1-45).

Regarding claim 21 Sibert teaches wherein the user equipment receives the information entity via a first type of interface and returns the information entity via a second type of interface (col. 2, lines 10-30,col. 5, lines 1-45).

Regarding claim 22 Sibert teaches wherein the user equipment communicates with a base station (inherent) of a cellular communication network (col. 2, lines 10-30,col. 5, lines 1-45).

Regarding claim 23 Sibert a user equipment comprising (figs. 1-4): processing means for insertion transaction information available for the processing means in at least one data field of an information entity that associates with an electronic transaction (col. 2, lines 10-30,col. 5, lines 1-45); and

transmitter means for transmitting the information entity from the user equipment to a co-operative device over a wireless interface (col. 2, lines 10-30,col. 5, lines 1-45); wherein said processing means is configured to automatically insert the transaction information in response to one of receipt of the information entity or determining that the information entity has been sent by a trusted party (col. 2, lines 10-30,col. 5, lines 1-45).

Regarding claim 24 Sibert teaches comprising storage means for storing the transaction information, wherein the processing means are adapted to fetch information from said storage means and to insert said information from the storage means into the information entity (col. 2, lines 10-30,col. 5, lines 1-45).

Regarding claim 25 Sibert teaches wherein the processing means are adapted to obtain information from at least one other information entity and to insert said information from the at least one other information entity into said information entity

that is the subject of the information insertion procedure (col. 2, lines 10-30,col. 5, lines 1-45).

Regarding claim 26 Sibert teaches comprising authorization means arranged to authorize said insertion of information (col. 2, lines 10-30,col. 5, lines 1-45).

Regarding claim 27 Sibert teaches a transaction system comprising (figs. 1-4):

a user equipment adapted to exchange transaction information with another party of a transaction (col. 2, lines 10-30,col. 5, lines 1-45); storage means for storing information (col. 2, lines 10-30,col. 5, lines 1-45); processing means for fetching information from the storage means and inserting the information into at least one data field of a data entity associated with said transaction (col. 2, lines 10-30,col. 5, lines 1-45); and communication means for transmitting the data entity from the user equipment to a co-operative device over a wireless interface (col. 2, lines 10-30,col. 5, lines 1-45); wherein the transaction information is automatically inserted in response to one of receipt of the data entity or determining that the data entity has been sent by a trusted party (col. 2, lines 10-30,col. 5, lines 1-45).

Regarding claim 28 Sibert teaches wherein the processing means are provided at the user equipment (col. 2, lines 10-30,col. 5, lines 1-45).

Regarding claim 29 Sibert teaches wherein the processing means are provided at the co-operative device (col. 2, lines 10-30,col. 5, lines 1-45).

Regarding claims 30-35 Sibert teaches wherein the information entity is a form; form is selected from the group consisting of a billing details form and shipping detail form (col. 2, lines 10-30,col. 5, lines 1-45).

Regarding claims 36-38 Sibert teaches wherein the transaction information comprises at least one of: name; address; credit card number; telephone number; or passport number (col. 2, lines 10-30,col. 5, lines 1-45).

5.   Claims 1,23,27 are rejected under 35 U.S.C. 102(e) as being anticipated by Laage et al (20020138445).

6.   Regarding claim 1 Laage et al teaches a method of accomplishing a transaction by user equipment, the method comprising (figs. 1-4):

in response to one of receipt of an information entity associated with the transaction or determining that the information entity has been sent by a trusted party automatically inserting of transaction information in at least one data field of the information entity based on information available at the user equipment (para. # 0084,0119); and

transmitting the information entity from the user equipment over a wireless interface (para. # 0084,0119).

Response to Arguments

7.   Applicant's arguments filed 7-20-06 have been fully considered but they are not persuasive. Examiner has thoroughly reviewed applicant's arguments but firmly believes the cited reference to reasonably and properly meets the claimed limitations. Applicant's argument was that "in response to a predetermined event, automatically

inserting of transaction information in at least one data field of an information entity". In

response, examiner would like to point out that Blumenthal teaches a system and

method for effecting secure online payment using a client payment card.

More specifically, Blumenthal teaches enables the ability to securely pay with a

payment card, such as a credit card, in or via an information network such as the

Internet and payment service equipment PS is connected to Databases, client database

DB, a service provider database RET, a transaction database TRANS, a verification

database BL; and a certificate database CERT (para. # 0045; Fig. 1). The payment

service equipment PS also includes access interfaces: a first access interface 1 to the

payment system BANK, a second access interface 2 to the authentication system AUT,

a third access interface 3 to a telecommunication network NET, and a fourth access

interface 4 to the mobile communication network PLMN (para. # 0047) and a client

using a display terminal device DTE chooses the web site of a service provider SP

(para. # 0062; Fig. 3). The client selects a desired product or service from SP and a

desired payment mode (para. # 0062; Fig. 3). The service provider then sends

information about the purchase to payment service equipment PS (para. # 0064). The

information about the purchase may include information that the user has input to the

website of the service provider and further information that was not input such as mobile

number in the client's registration information, the name or identifier of the service

provider SP, the total sum of the order, and the current date (para. # 0064). The

payment service equipment PS sends a conformation of the order to a payment terminal

device of the client, such as a mobile phone PTE (para. # 0065). The client digitally

signs the confirmation with a private key (para. # 0065). The client then sends the

signed confirmation along with the electronic identification of the client to the payment

service equipment PS (para. # 0066). The payment service equipment PS verifies the

identity of the client using the certificate database CERT and/or the client database DB

(para. # 0066). Once the client identity has been verified, the payment service

equipment PS determines the credit card number of the client from either the client

database DB or the client-specific certificate stored in the certificate database CERT

(para. # 0067). Blumenthal states, that digital signing is carried out using the card

reader SCR attached to the computer TE and the client's inserted smart card. Stored

on the smart card SC is the electronic identity associated with the holder of the smart

card and the private key of the holder, which may for example be consistent with the

PKI system (para. # 0084).

Conclusion

8.   Applicant's amendment necessitated the new ground(s) of rejection presented in

this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP

§ 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37

CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE

MONTHS from the mailing date of this action. In the event a first reply is filed within

TWO MONTHS of the mailing date of this final action and the advisory action is not

mailed until after the end of the THREE-MONTH shortened statutory period, then the

shortened statutory period will expire on the date the advisory action is mailed, and any

extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of

the advisory action. In no event, however, will the statutory period for reply expire later

than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Khawar Iqbal whose telephone number is 571-272-

7909.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Joseph H. Feild can be reached on (571) 272-4090. The fax phone number

for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the

Patent Application Information Retrieval (PAIR) system. Status information for

published applications may be obtained from either Private PAIR or Public PAIR.

Status information for unpublished applications is available through Private PAIR only.

For more information about the PAIR system, see http://pair-direct.uspto.gov. Should

you have questions on access to the Private PAIR system, contact the Electronic

Business Center (EBC) at 866-217-9197 (toll-free).

Any inquiry of a general nature or relating to the status of this application or

proceeding should be directed to the receptionist/customer service whose telephone

number is (571) 272-2600.

K,I

JOSEPH FEILD
SUPERVISORY PATENT EXAMINER